

DEVELOPS

PRODUCES

Thermocouples for Gas Turbines



flance-mounted and with integral terminals

BG is supplying the aviation industry dependable thermocouples for gas turbines. They are giving excellent service with a minimum of maintenance.

Now, in line with the rapid design improvements in gas turbine engines, BQ development work has produced new and improved thermocouples, an example of which is illustrated above. The most recent types have ceramic insulation, visible terminal blocks and are flange-mounted for easier assembly and installation. There are no large nuts to bind or seize under the extreme heat of gas turbine engines, no bends or elbows to be damaged in handling. Connecting leads are detached at the terminal block to simplify installation and removal of the thermocouple, All connections are readily visible for inspection.

For full details on thermocouples,-or any other type of BQ pas nirhine equipment write us toda

Typical thermocouple design with integral leads and thread mounted.

THE BG CORPORATION

New York 19, N. Y.

SERVING WORLD AVIATION FOR OVER 33 YEARS



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Welter Ridde II Georgeov, Inc., \$45 Main Street, Belleville S. N. J.





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AERONAUTICAL ENGINEERING

Engineers Advance Turbine Aircraft Data

Technicisms at IATA symposium offer details to help airlines make true evaluation of future trunsports.

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COLD-BLOODED?

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We all know unreasonable generalizations can be dangurously false. Common sense and on-the-job experience show us the value of double smoothfally with ideas, problems—and sensie.

Let's not make the big-and costly-mistake, then, of generalizing on reliations or recisi groups. Adopt and correspond these common

- 1. Accept on relact-membra on their individual worth.
- 2. Don't listen to or spread rumors against a race or a
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ANATION WEEK, June 12, 1950

EDITORIAL



Risking Death for "Thrills"

They say a picture is better than 10,000 words. This one certainly is the best senses for side and user air thorse that we ever say.

William Cooks, a still photographer for the Oak half Tobess, was covering a show list October and coopped this picture as a 3-30 wantered over the sun and seetly collided with a best prooble trading stoot.

Yee can be sere the crowds working the air show were "thuiled." And it's true that the Air Fiver cree and the ideastic got out of the with their helds. Asnone of the spectation below got labled. But you on but they all were house talking about everybody's remark able groups.

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"Fair Play" or Service?

You may conceiber that several mostlin ago on this page (Mar. 27) we quested Subert Barnqueck, Executive Vecto-Posacher of the Air Transport Ams. He regetted that ATA has no industry public inferious program. We have been walking sulf the fire hell reggetted we readhout the mail. Whe have held no inclusive yeapsyms. We have been walking sulf the fire hell reggetted we readned to most the fire. That is defentive notions only We

here here writing earth the firm bell rangi-their was rush out to more than CTIM is defentered scene only We need a positive programs, on behalf of the relationsh. When we consider than S. M. Filless, promitted to the Asseniese Richery CEr Institute, to prove it. Mr. Fellows lett the cut of the long access requiring any a surprisingly blazt speech obserts the New York Kullwad CLIA. The speech up to their strends on at the traver is not deferred.

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competitive picture.
This program has now been an effect long enough to enable on to gauge its trapect to some extent. We feel that if has been productive of excellent virable but we are also frank to admit that our progress conful undershould be even

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it on something closer to public interest than a cry suggest. Flore play for ea. The th too much like whening. The American public, we thank, still advance those with get-up-analyse. The best way for the male to get a



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Esna Gang Channel Stri NEW

FOR APPLICATIONS SUBJECTED TO REPEATED "ON-OFF" USAGE



-New High Strength 24S-T4 Aluminum Alloy Channel Strip—Colored Blue for Easy Identification!

During production, mis-alignment of sub-assembly components can result in twisted channel strips-or nuts pushed out. This is particularly true in such applications as access covers and panels. Therefore, to promote additional production line economy and to further simplify time-saving multi-unit nut installations, ESNA developed their new 24S-T4 gang channel strips.

The extra tough aluminum alloy used for this new product provides additional strength for these unusual assemblies . . . and a new method of cut and raised dimpling retains the nuts securely, and prevents over-riding

In addition, the new ESNA gang channel features a Nylon Locking Insert that assures reuseability for over 100 applications. This means tremendous savings in maintenance costs. Why? Because access covers, panels and similar components ar regularly detached to permit inspection or repairs. Formerly, nut strips used on

these assemblies had to be replaced, because of the high re-use factor. Now, however, the new ESNA Gang Channel Nuts, with the nylon red elastic locking collar, guarantee long range maintenance economy-the self-locking torque is assured for the life of the aircraft. And like all Elastic Stop Nuts, they protect fastenings against vibration . impact . . . and shock! The famous nylon red elastic collar keeps bolt and nut threads rust-free, scals against liquid seepage . . . and is RE-USEABLE . . . OVER ONE HUNDRED TIMES!

HERE'S A CHALLENGE: Send us complete details of your toughest bolted trouble spot whether it involves a gang channel nut application or another type of Elastic Stop Nut. We'll supply test nuts-FREE, in experimental quantities, Or for data sheets on the new ESNA Gang Channel - Write: Elastic Stop

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